

CLAIMS

1. A video system for an automotive vehicle, comprising:
  - a camera housing located inside an automotive vehicle including a plurality of cameras, located on each side of said housing to provide a 360° range for video recording images received by said lenses, said camera housing being part of a housing of a rear view mirror of said vehicle;
  - a video multiplexer for multiplying all recorded video images by said cameras; and
  - a video cassette recorder for recording image multiplexed by said multiplexer thereby providing a recording of a 360° environment surrounding said camera housing.
2. The video system according to claim 1 wherein said camera housing is shaped circularly and each of said cameras is located 90 degrees apart from each other.
3. The video system according to claim 1 wherein said camera housing is cube shaped and each side surface of said cube shaped camera housing has a lens therein.
4. The video system according to claim 1 wherein said VCR and multiplexer are located in a glove compartment inside said

automotive compartment.

5. The video system according to claim 1 wherein said VCR and said multiplexer are located in a trunk of said automotive vehicle.

6. A digital video recording system for an automotive vehicle, comprising:

a camera housing located inside an automotive vehicle including a plurality of digital miniature video cameras, located on each side of said housing to provide a 360° range for digitally video recording images received by said lenses;

a digital recording system for multiplexing all recorded digital video images by said digital miniature video cameras and for digitally recording said multiplexed images thereby providing a recording of a 360° environment surrounding said camera housing.

7. The digital video recording system according to claim 6 wherein said camera housing is shaped circularly and each of said cameras is located 90 degrees apart from each other.

8. The digital video recording system according to claim 6 wherein said camera housing is cube shaped and each side surface of said cube shaped camera housing has a lens therein.

9. The digital video recording system according to claim 6

wherein said digital recording system is located in a glove compartment inside said automotive compartment.

10. The digital video recording system according to claim 6 wherein said digital recording system is located in a trunk of said automotive vehicle.

11. The digital video recording system according to claim 6 wherein said camera housing is located behind a rear view mirror of said automotive vehicle and is adapted to extend below said rear view mirror.

12. The digital video recording system according to claim 6 wherein said camera housing has a hinge mechanism adapted to fold behind said rear view mirror when not in use.

13. The digital video recording system according to claim 6 wherein said camera housing is part of a housing of a rear view mirror for said digital camera.

14. A method for video taping within an automotive vehicle, the steps comprising:

locating a camera housing inside an automotive vehicle including a plurality of cameras located on each side of said housing to provide a 360° range for video recording images received by said lenses, said camera

housing being part of a housing of a rear view mirror of said vehicle;

multiplexing all recorded video images by said cameras by means of a multiplexer; and

recording image multiplexed by said multiplexer by means of a video cassette recorder thereby providing a recording of a 360° environment surrounding said camera housing.

14. A method for video taping within an automotive vehicle, the steps comprising:

locating a camera housing inside an automotive vehicle including a plurality of cameras located on each side of said housing to provide a 360° range for video recording images received by said lenses, said camera housing being part of a housing of a rear view mirror of said vehicle;

multiplexing all recorded video images by said cameras by means of a multiplexer; and

recording image multiplexed by said multiplexer by means of a video cassette recorder thereby providing a recording of a 360° environment surrounding said camera housing.

15. A method for a digital video recording within an automotive vehicle, the steps comprising:

locating a camera housing inside an automotive vehicle including a plurality of digital miniature video cameras located on each side of said housing to provide a 360° range for digitally video recording images received by said lenses;

multiplexing all digitally recorded video images by said cameras by means of a digital recording system; and

digitally recording said multiplexed images multiplexed by said digital recording system thereby providing a recording of a 360° environment surrounding said camera housing.